

Supplemental Table S1. HRs and 95% CIs for the associations between physical activity and breast cancer risk, invasive cases only, The Sister Study

	PY	N cases	Overall	Premenopausal		Postmenopausal	
			HR ^a (95% CI)	N cases	HR ^a (95% CI)	N cases	HR ^a (95% CI)
Total average hours/week							
Continuous	421,807	2,345	0.98 (0.97, 1.00)	407	1.01 (0.98, 1.05)	1,919	0.98 (0.96, 0.99)
0-<1	140,497	822	1.00	143	1.00	674	1.00
1-<4	173,872	943	0.89 (0.81, 0.98)	163	0.97 (0.77, 1.22)	771	0.87 (0.78, 0.96)
4-<7	70,425	387	0.87 (0.77, 0.99)	71	1.13 (0.85, 1.51)	314	0.82 (0.72, 0.94)
≥7	37,013	193	0.81 (0.69, 0.95)	30	1.12 (0.75, 1.67)	160	0.75 (0.63, 0.89)
Total average MET-hours/week							
Continuous (IQR increase)	421,807	2,345	0.95 (0.91, 0.99)	407	1.04 (0.96, 1.14)	1,919	0.92 (0.87, 0.97)
Quartile 1	102,481	627	1.00	102	1.00	521	1.00
Quartile 2	110,532	584	0.84 (0.75, 0.95)	100	0.89 (0.68, 1.18)	481	0.83 (0.74, 0.94)
Quartile 3	101,971	576	0.87 (0.78, 0.98)	93	1.00 (0.75, 1.33)	476	0.84 (0.74, 0.95)
Quartile 4	106,822	558	0.80 (0.71, 0.90)	112	1.06 (0.81, 1.40)	441	0.74 (0.65, 0.85)
At least one activity in the past 12 months							
No	69,105	412	1.00	63	1.00	347	1.00
Yes	352,943	1,933	0.88 (0.79, 0.99)	344	1.09 (0.83, 1.44)	1,572	0.84 (0.75, 0.95)

^a Adjusted for race, residence type, education, parity, alcohol use, and smoking status

Abbreviations: HR, hazard ratio; CI, confidence interval; PY, person-years; N, number; IQR, interquartile range